

APPENDIX B

Engineering Concept Drawings of Alternatives

The drawings on the following pages provide additional details on the interchange alternatives assessed as part of this study. While the alternatives were developed to meet current VDOT roadway standards, these are concepts only and subject to major changes as part of the refinement process. They are intended only to communicate concepts and should be interpreted as such.







Route 501/Route 221
(Lakeside Drive)
Sub-Area Traffic Study

**Engineering Concept:
Alternative 3**



Route 501/Route 221
(Lakeside Drive)
Sub-Area Traffic Study

Engineering Concept:
Alternative 4



0 500 1000
Approximate Scale In Feet

Red lines indicate proposed
shopping center improvements.





Route 501/Route 221
(Lakeside Drive)
Sub-Area Traffic Study

**Engineering Concept:
Alternative 6**

Route 501
NW Expressway

Old Forest
Road

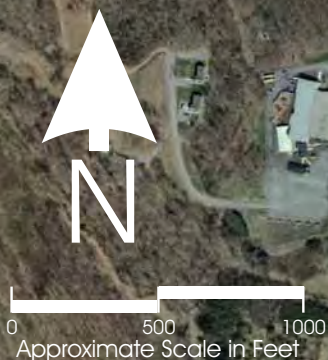
Jefferson Ridge
Parkway

Lakeside Drive

Lakeside Drive

Route 501 Expressway

Red lines indicate proposed
shopping center improvements.







Route 501/Route 221
(Lakeside Drive)
Sub-Area Traffic Study

**Engineering Concept:
Alternative 8**

Red lines indicate proposed shopping center improvements.



Route 501/Route 221
(Lakeside Drive)
Sub-Area Traffic Study

**Engineering Concept:
Alternative 9**

Route 501
NW Expressway

Old Forest
Road

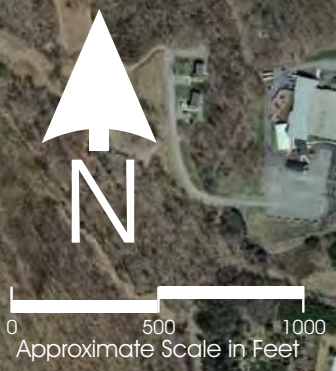
Jefferson Ridge
Parkway

Lakeside Drive

Lakeside Drive

Route 501 Expressway

Red lines indicate proposed
shopping center improvements.





Route 501/Route 221
(Lakeside Drive)
Sub-Area Traffic Study

**Engineering Concept:
Alternative 10**

Red lines indicate proposed shopping center improvements.